

GenCore version 5.1.3
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OM protein - nucleic search, using frame_plus_2n.msh1

Run on: January 16 2003, 17:00:17 : Search time 54.4 Seconds
(without alignments)
114.746 Million cell updates/sec

Title: us-09-856-070-17

Perfect score: 69
Sequence: 1 REFERENCEPEEL 14

Scoring table:

Gapop 10.0 : Gapext 0.5
Ygapop 10.0 : Ygapext 0.5
Egapop 6.0 : Egapext 7.0
Delop 6.0 : Del-ext 7.0

Searched: 393868 seqs, 22293444 residues

Total number of hits satisfying chosen parameters: 787736

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Command line parameters:

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-Q-/cgn2_1/pspro-spool/US09856070/Runar_14012003_15845_1601/app_query_testa_1 1592
-DB-PublishedApplications_NA -QMI-fastap -SUFFIX-rnpb -MINMATCH-0.1
-LOCPCL-0 -LWPEXT-0 -UNITS-bits -START-1 -END-1 -MATRIX-blosum62
-TRANS-human40 codi -LIST-45 -DEWALIGN-200 -THR-SPE-EXT-100 -THR-MAX-100
-THR-MIN-0 -ALIGN-15 -MODE=LOCAL -OUTPM-pto -NORM-ext -HEATSIZE-500 -MINLEN-0
-MAXLEN-200000000 -USER-US09856070 -WGN_1_1 -WGN_2_1 -WGN_3_1 -WGN_4_1 -WGN_5_1
-NCPU-6 -ICPU-3 -NO_XLPHY -NO_MMAPP -LAPGQUERY -NPO_SCORES-0 -WAIT -LONGLOG
-DEV_TIMEOUT-120 -WARN_TIMEOUT-30 -THRFAS-1 -XGAPOP-10 -XGAPEXT-0.5 -EGAPOP-6
-EGAPEXT-7 -YGAPOP-10 -YGAPEXT-0.5 -DELOP-6 -DELEXT-7

Database : published Applications_NA:

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3: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq.*
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14: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	69	100.0	2930	US 09 960-253-156	Sequence 156, App
2	69	100.0	3044	US-09-864-107-1718	Sequence 3718, App
3	69	100.0	4047	US-09-864-864-129	Sequence 324, App
4	69	100.0	3115	US-09-925-299-123	Sequence 123, App

51	73.9	2170	9	US-09-854-133-728	Sequence 728, App
47	68.1	1831	10	US-09-764-864-620	Sequence 620, App
47	68.1	2052	10	US-09-764-864-185	Sequence 185, App
8	68.1	2955	9	US 10 928-072-15	Sequence 15, Appli
46	68.7	2247	9	US-10-928-072-15	Sequence 45, Appli
45	65.2	234	10	US-09-474-650-3611	Sequence 3611, Ap
45	65.2	3257	9	US-09-764-864-264	Sequence 264, Appli
12	65.2	8055	9	US-09-858-546-3	Sequence 3, Appli
44	64.8	303	10	US-09-764-846-290	Sequence 290, App
44	64.8	404	10	US-09-764-846-291	Sequence 291, App
44	64.8	524	10	US-09-924-035A-338	Sequence 338, App
44	64.8	600	10	US-09-864-761-7218	Sequence 7218, Ap
43	62.3	265	10	US-09-764-864-753	Sequence 753, App
43	62.3	300	10	US-09-864-761-32322	Sequence 32322, A
43	62.3	365	10	US-09-764-864-338	Sequence 338, App
43	62.3	523	10	US-09-864-761-15814	Sequence 15814, A
43	62.3	4108	10	US-09-925-301-493	Sequence 493, App
42	60.9	99	10	US-09-925-301-493	Sequence 167, App
42	60.9	128	9	US-09-754-853A-186	Sequence 186, App
42	60.9	210	10	US-09-867-701-9367	Sequence 9367, Ap
42	60.9	235	10	US-09-867-701-8942	Sequence 8942, Ap
42	60.9	403	10	US-09-772-134-7	Sequence 7, Appli
42	60.9	1155	10	US-09-822-849A-193	Sequence 193, App
42	60.9	1533	10	US-09-917-800A-1505	Sequence 1505, Ap
42	60.9	32240	10	US-09-764-860-2314	Sequence 2314, Ap
42	60.9	513504	9	US-09-754-853A-4	Sequence 4, Appli
41	59.4	456	10	US-09-864-761-13986	Sequence 13986, A
41	59.4	501	10	US-09-954-456-1458	Sequence 1458, Ap
41	59.4	553	10	US-09-864-761-30549	Sequence 30549, A
41	59.4	743	10	US-09-770-149-44	Sequence 44, Appli
41	59.4	985	10	US-09-770-445-265	Sequence 265, App
41	59.4	1282	9	US-09-938-842A-4552	Sequence 4552, App
41	59.4	2000	9	US-09-938-842A-4925	Sequence 4925, App
41	59.4	2167	9	US-10-928-072-159	Sequence 159, App
41	59.4	2264	10	US-09-925-302-122	Sequence 122, App
41	59.4	2785	10	US-09-860-298-1	Sequence 1, Appli
41	59.4	37993	10	US-09-768-781-5	Sequence 5, Appli
41	59.4	20556	10	US-09-880-107-3945	Sequence 3945, Ap
41	59.4	42999	10	US-09-740-029-3	Sequence 3, Appli
41	59.4	397658	10	US-09-813-320-3	Sequence 3, Appli
40	58.0	92	10	US-09-864-761-21177	Sequence 21177, A

ALIGNMENTS

RESULT 1
US 09 960-253-156
Sequence 156, Applicant: Mohamath, Darin R.
Patent No. US09030133619A1
GENERAL INFORMATION:
APPLICANT: Benson, Darin R.
APPLICANT: Mohamath, Darin R.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
OF LUNG CANCER
FILE REFERENCE: 01031556
CURRENT APPLICATION NUMBER: US/09/960-253
CURRENT FILING DATE: 2001 09 20
NUMBER OF SEQ ID NOS: 187
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 156
LENGTH: 2930
TYPE: DNA
ORGANISM: Homo sapiens
US-09-960-253-156

Alignment Scores:	6.00456	Length:	2930
Pred. No.:	69.00	Matches:	14
Score:	100.00%	Conservative:	0
Best local Similarity:	100.00%	Mismatches:	0
Query Match:	100.00%	Indels:	0
DB:	10	Gaps:	0

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US 09-856-070-17 (1-14) x US-09-960-253-156 (1-2930)

QY 1 GluArqGluLysGluGlnMetMetArqGluLysGluGluLeu 14
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DB 1076 GAGAGACAGAAAGACAGATGATGCGGAGAGAGAGAGAGTTG 1117

RESULT 2
US 09-880-107-3718
: Sequence 3718, Application US/09880107
: Patent No. US20020142981A1
: GENERAL INFORMATION:
: APPLICANT: Horne, Daniel L.
: APPLICANT: Vockley, Joseph G.
: APPLICANT: Schertl, Uwe
: APPLICANT: Gene Logic, Inc.
: TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer
: FILE REFERENCE: 44921-5028-WO
: CURRENT APPLICATION NUMBER: US/09/880,107
: PRIOR FILING DATE: 2001-06-14
: PRIOR APPLICATION NUMBER: US 60/211,379
: PRIOR FILING DATE: 2000-06-14
: PRIOR APPLICATION NUMBER: US 60/237,054
: PRIOR FILING DATE: 2000-10-02
: NUMBER OF SEQ ID NOS: 3950
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 3718
: LENGTH: 4044
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: OTHER INFORMATION: Genbank Accession No. US20020142981A1 X51521
: NAME/KEY: unsure
: LOCATION: (1)...(3044)
: OTHER INFORMATION: n - a or c or q or t
US 09-880-107-3718

Alignment Scores:
Pred. No.: 0.00372 Length: 3044
Score: 69.00 Matches: 14
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US 09-856-070-17 (1-14) x US-09-880-107-3718 (1-3044)

QY 1 GluArqGluLysGluGlnMetMetArqGluLysGluGluLeu 14
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DB 1117 GAGAGACAGAAAGACAGATGATGCGGAGAGAGAGAGTTG 1158

RESULT 3
US 09-864-864-329
: Sequence 329, Application US/09864864
: Patent No. US20020102679A1
: GENERAL INFORMATION:
: APPLICANT: Xu, Jiangchun
: APPLICANT: Mitcham, Jennifer L.
: APPLICANT: Harlocker, Susan L.
: APPLICANT: Dillon, David C.
: APPLICANT: Secrist, Heather
: APPLICANT: Lodes, Michael J.
: APPLICANT: Alqale, Paul A.
: APPLICANT: Flinn, Steve P.
: APPLICANT: Mannon, Jane
: APPLICANT: Benson, Darin R.
: APPLICANT: Carter, Patrick
: TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
: FILE REFERENCE: 210121-524
: CURRENT APPLICATION NUMBER: US/09/864,864
: CURRENT FILING DATE: 2001-05-23
: NUMBER OF SEQ ID NOS: 141

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: SOFTWARE: Corixa Invention Disclosure Database
: SEQ ID NO 329
: LENGTH: 3047
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: misc feature
: LOCATION: (1)...(3047)
: OTHER INFORMATION: n - A,T,C or G
US 09-864-864-329

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Pred. No.: 0.00372 Length: 3047
Score: 69.00 Matches: 14
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
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US 09-856-070-17 (1-14) x US-09-864-864-329 (1-3047)

QY 1 GluArqGluLysGluGlnMetMetArqGluLysGluGluLeu 14
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DB 1117 GAGAGACAGAAAGACAGATGATGCGGAGAGAGAGAGTTG 1158

RESULT 4
US 09-925-299-123
: Sequence 123, Application US/09925299
: Patent No. US20020055627A1
: GENERAL INFORMATION:
: APPLICANT: Rosen et al.
: TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
: FILE REFERENCE: PA102
: CURRENT APPLICATION NUMBER: US/09/925,299
: CURRENT FILING DATE: 2001-08-10
: PRIOR APPLICATION NUMBER: PCI/US00/05883
: PRIOR FILING DATE: 2000-03-08
: PRIOR APPLICATION NUMBER: 60/124,270
: PRIOR FILING DATE: 1999-03-12
: NUMBER OF SEQ ID NOS: 1556
: SOFTWARE: PatentIn Ver. 2.0
: SEQ ID NO 123
: LENGTH: 3115
: TYPE: DNA
: ORGANISM: Homo sapiens
US 09-925-299-123

Alignment Scores:
Pred. No.: 0.00381 Length: 3115
Score: 69.00 Matches: 14
Percent Similarity: 100.00% Conservative: 0
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Query Match: 100.00% Indels: 0
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US 09-856-070-17 (1-14) x US-09-925-299-123 (1-3115)

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DB 1149 GAGAGACAGAAAGACAGATGATGCGGAGAGAGAGAGTTG 1190

RESULT 5
US 09-854-133-728
: Sequence 728, Application US/09854133
: Publication No. US20020183499A1
: GENERAL INFORMATION:
: APPLICANT: Lodes, Michael J.
: APPLICANT: Mohamath, Raodoh
: APPLICANT: Henderson, Robert A.
: APPLICANT: Benson, Darin R.
: APPLICANT: Secrist, Heather
: TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
: TITLE OF INVENTION: THE THERAPY AND DIAGNOSIS OF LUNG CANCER

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1 PRIOR FILING DATE: 1997-09-17
2 PRIOR APPLICATION NUMBER: 60/059122
3 PRIOR FILING DATE: 1997-09-17
4 PRIOR APPLICATION NUMBER: 60/059184
5 PRIOR FILING DATE: 1997-09-17
6 PRIOR APPLICATION NUMBER: 60/059263
7 PRIOR FILING DATE: 1997-09-18
8 PRIOR APPLICATION NUMBER: 60/059452
9 PRIOR FILING DATE: 1997-09-19
10 PRIOR APPLICATION NUMBER: 60/059588
11 PRIOR FILING DATE: 1997-09-19
12 PRIOR APPLICATION NUMBER: 60/059836
13 PRIOR FILING DATE: 1997-09-24
14 PRIOR APPLICATION NUMBER: 60/062250
15 PRIOR FILING DATE: 1997-10-17
16 PRIOR APPLICATION NUMBER: 60/062285
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18 PRIOR APPLICATION NUMBER: 60/062287
19 PRIOR FILING DATE: 1997-10-17
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21 PRIOR FILING DATE: 1997-10-24
22 PRIOR APPLICATION NUMBER: 60/062816
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24 PRIOR APPLICATION NUMBER: 60/063045
25 PRIOR FILING DATE: 1997-10-24
26 PRIOR APPLICATION NUMBER: 60/063082
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81 PRIOR FILING DATE: 1998-03-12
82 PRIOR APPLICATION NUMBER: 60/078910
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87 PRIOR FILING DATE: 1998-02-27
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89 PRIOR FILING DATE: 1998-03-27
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97 PRIOR FILING DATE: 1998-04-14
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105 PRIOR FILING DATE: 1998-04-28
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108 PRIOR APPLICATION NUMBER: 60/084600
109 PRIOR FILING DATE: 1998-05-07
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120 PRIOR APPLICATION NUMBER: 60/085339
121 PRIOR FILING DATE: 1998-05-13
122 PRIOR APPLICATION NUMBER: 60/085579
123 PRIOR FILING DATE: 1998-05-15
124 PRIOR APPLICATION NUMBER: 60/085697
125 PRIOR FILING DATE: 1998-05-15
126 PRIOR APPLICATION NUMBER: 60/085704
127 PRIOR FILING DATE: 1998-05-15
128 PRIOR APPLICATION NUMBER: 60/086414
129 PRIOR FILING DATE: 1998-05-22
130 PRIOR APPLICATION NUMBER: 60/086430
131 PRIOR FILING DATE: 1998-05-22
132 PRIOR APPLICATION NUMBER: 60/087106
133 PRIOR FILING DATE: 1998-05-28
134 PRIOR APPLICATION NUMBER: 60/088026
135 PRIOR FILING DATE: 1998-06-04
136 PRIOR APPLICATION NUMBER: 60/088730
137 PRIOR FILING DATE: 1998-06-10
138 PRIOR APPLICATION NUMBER: 60/088741
139 PRIOR FILING DATE: 1998-06-10
140 PRIOR APPLICATION NUMBER: 60/088810
141 PRIOR FILING DATE: 1998-06-10
142 PRIOR APPLICATION NUMBER: 60/088858
143 PRIOR FILING DATE: 1998-06-11
144 PRIOR APPLICATION NUMBER: 60/089532
145 PRIOR FILING DATE: 1998-06-17
146 PRIOR APPLICATION NUMBER: 60/089599


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; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 607090429
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; PRIOR FILING DATE: 1998-06-24
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; PRIOR APPLICATION NUMBER: 607091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 607091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 607091982
; PRIOR FILING DATE: 1998-07-07

Alignment Scores:
Pred. No.:      22.7          Length:      223
Score:           46.00         Matches:       8
Percent Similarity: 85.71%     Conservative:   4
Best Local Similarity: 57.14%   Mismatches:    2
Query Match:      66.67%       Indels:        0
DB:               9           Gaps:          0

US-09-856-070-17 (1-14) x US-10-028-072 45 (1-2237)

Qy  1 GluArqGluYsgGluClnMetMetArqGluLysGluGluLeu 14
Db  1885 CAAAGTCACCAACGACGACAATATGTCAGGAGAGGGAGACATC 192

RESULT 10
US-09-974-300-3611
; Sequence 3611, Application US/09974300
; Patent No. US:06,501,462 IAI
; GENERAL INFORMATION:
; APPLICANT: Borka, Randy M.
; AFFILIANT: Clausen, Ib Gloth
; TITLE OF INVENTION: Methods For Monitoring Multiple Genes
; TITLE OF INVENTION: Expression
; FILE REFERENCE: 10085,500-US
; CURRENT APPLICATION NUMBER: US/09/974,300
; CURRENT FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: 09/680,598
; PRIOR FILING DATE: 2000-10-06
; PRIOR APPLICATION NUMBER: 60/270,526
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ IDS NOS: 8481
; SOFTWARE: FastSQ for Windows Version 4.0
; SEQ ID NO 3611
; LENGTH: 234
; TYPE: DNA
; ORGANISM: Bacillus licheniformis
US-09-974-300-3611

Alignment Scores:
Pred. No.:      2.72          Length:      234
Score:           45.00         Matches:       7
Percent Similarity: 100.00%     Conservative:   6
Best Local Similarity: 53.85%   Mismatches:    0
Query Match:      65.22%       Indels:        0
DB:               10          Gaps:          0

US-09-856-070-17 (1-14) x US-09-974-300-3611 (1-234)

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Db  124 CAAAGTCACCAACGACGACAATATGTCAGGAGAGGGAGACATC 192

RESULT 11

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Search completed: January 16, 2003, 21:46:02
Job time : 62.4 secs